



Hazards Specialist/GIS Analyst

NOAA Coastal Services Center

Charleston, South Carolina

I.M. Systems Group, Inc. (IMSG) (www.imsg.com) seeks a talented individual with experience in coastal hazards and geographic information systems (GIS) to support the NOAA Coastal Services Center (Center), assisting with a variety of coastal hazards related projects.

A part of the NOAA National Ocean Service, the Center's mission is to support the environmental, social, and economic well being of the coast by linking people, information, and technology. The Center (www.csc.noaa.gov) works with various branches of NOAA and other federal agencies to bring information, services, and technology to the nation's coastal resource managers. The Center is a partner in over 100 ongoing projects geared toward resolving site specific coastal issues. This position is working to specifically address the Center's long term outcome - *Coastal communities have significant reduction of human, environmental, and economic impacts from natural hazards*. The Center works closely with the National Weather Service, the Federal Emergency Management Agency, and state and local entities toward this goal.

Duties

The successful candidate will work at the Center in the Coastal Information Services Branch, GIS Integration and Development program area providing content expertise and technical support to a variety of projects focused on solutions to evaluating and mitigating threats from natural coastal hazards. Responsibilities include project management of large multi-partner hazards projects that may include aspects such as technical needs assessment, application development, and education & outreach components. Position requires extensive collaboration with federal, state, and local government; academia and non-governmental organizations to develop and apply advanced geospatial technical solutions for coastal management and emergency management decision-making. Successful applicant will work to employ various geospatial or GIS-related technologies to help address coastal hazards-related issues including, but not limited to, coastal erosion, tsunamis, hurricanes and other coastal storms, inland and coastal flooding, and sea level rise and subsidence. Additional duties will include spatial analyses pertaining to disaster planning and vulnerability assessment, as well as training and participation in workshops and conferences including organizing, presenting, and moderating.

Qualifications

Required: Four year degree in the natural sciences or related discipline and at least 5 years of experience in natural coastal hazards, particularly coastal processes. Two to four years experience with GIS software including ESRI ArcView 3.x or ArcGIS 8.x or 9.x, and familiarity with ArcIMS, Spatial Analyst and 3-D Analyst extensions or similar software products. Must possess excellent communications skills, both written and oral. Demonstrated familiarity with spatial analysis as applied to coastal hazards.

Desired: Advanced degree in a relevant field (e.g., Physical Geography, Environmental Science, Geology, Meteorology, Engineering, etc.). Knowledge of coastal hazards policy, coastal zone management concepts, urban and regional planning, and remote sensing.

To Apply: submit resume to westd@img.com